## pb1103: Factoring when $a =$ prime (v0)

1. Factor the expression $11x^2 + 81x + 28$

$$(11x + 4)(x + 7)$$

2. Factor the expression $11x^2 - 21x - 2$

$$(11x + 1)(x - 2)$$

3. Factor the expression $3x^2 - 23x + 14$

$$(3x - 2)(x - 7)$$

4. Factor the expression $7x^2 + 22x + 3$

$$(7x + 1)(x + 3)$$

5. Factor the expression $7x^2 - 4x - 3$

$$(7x + 3)(x - 1)$$

6. Factor the expression $3x^2 + 2x - 5$

$$(3x + 5)(x - 1)$$

7. Factor the expression $2x^2 + 7x - 30$

$$(2x - 5)(x + 6)$$

8. Factor the expression $3x^2 + 5x + 2$

$$(3x + 2)(x + 1)$$

9. Factor the expression $5x^2 - 24x - 36$

$$(5x + 6)(x - 6)$$

10. Factor the expression $7x^2 - 11x + 4$

$$(7x - 4)(x - 1)$$